

SEQUENCE LISTING

<110> Stevens, Donna
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Glassbrook, Norman
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Stewart, Sandy

<120> Methods for Determining Squalene Synthase Activity

<130> 2148US; 43400.0008.6

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<170> PatentIn version 3.1

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Arg Ser Phe Ser Leu Val Ile Gln Gln Leu Asn Thr Glu Leu Arg Asn

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Ala Val Cys Val Phe Tyr Leu Val Leu Arg Ala Leu Asp Thr Val Glu

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Asp Asp Thr Ser Ile Pro Thr Asp Glu Lys Val Pro Ile Leu Ile Ala

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Phe His Arg His Ile Tyr Asp Thr Asp Trp His Tyr Ser Cys Gly Thr

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Lys Glu Tyr Lys Ile Leu Met Asp Gln Phe His His Val Ser Ala Ala

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3

IDF 190
Case 2148US
P143 1030
RTP 43362v2

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180	185	190
Thr Pro Asp Trp Glu Ala Ile Ser Asn Ser Met Gly Leu Phe Leu Gln		
195	200	205
Lys Thr Asn Ile Ile Arg Asp Tyr Leu Glu Asp Ile Asn Glu Ile Pro		
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Lys Ser Arg Met Phe Trp Pro Arg Glu Ile Trp Gly Lys Tyr Ala Asp		
225	230	235 240
Lys Leu Glu Asp Leu Lys Tyr Glu Glu Asn Thr Asn Lys Ser Val Gln		
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Cys Leu Asn Glu Met Val Thr Asn Ala Leu Met His Ile Glu Asp Cys		
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6

6

IDF 190

Case 2148US

P143 1030

RTP 43362v2

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Pro Glu Pro His Trp Gly Phe Cys Tyr Ser Met Leu His Lys Val Ser

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Arg Ser Phe Ser Leu Val Ile Gln Gln Leu Asn Thr Glu Leu Arg Asn
50 55 60

Ala Val Cys Val Phe Tyr Leu Val Leu Arg Ala Leu Asp Thr Val Glu
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Asp Asp Thr Ser Ile Pro Thr Asp Glu Lys Val Pro Ile Leu Ile Ala
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Phe His Arg His Ile Tyr Asp Thr Asp Trp His Tyr Ser Cys Gly Thr
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Lys Glu Tyr Lys Ile Leu Met Asp Gln Phe His His Val Ser Ala Ala
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Phe Leu Glu Leu Glu Lys Gly Tyr Gln Glu Ala Ile Glu Glu Ile Thr
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Arg Arg Met Gly Ala Gly Met Ala Lys Phe Ile Cys Gln Glu Val Glu
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Thr Val Asp Asp Tyr Asp Glu Tyr Cys His Tyr Val Ala Gly Leu Val
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Thr Pro Asp Trp Glu Ala Ile Ser Asn Ser Met Gly Leu Phe Leu Gln
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Lys Thr Asn Ile Ile Arg Asp Tyr Leu Glu Asp Ile Asn Glu Ile Pro
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Lys Ser Arg Met Phe Trp Pro Arg Glu Ile Trp Gly Lys Tyr Ala Asp
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Lys Leu Glu Asp Leu Lys Tyr Glu Glu Asn Thr Asn Lys Ser Val Gln
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Cys Leu Asn Glu Met Val Thr Asn Ala Leu Met His Ile Glu Asp Cys
 260 265 270

Leu Lys Tyr Met Val Ser Leu Arg Asp Pro Ser Ile Phe Arg Phe Cys
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Ala Ile Pro Gln Ile Met Ala Ile Gly Thr Leu Ala Leu Cys Tyr Asn
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Asn Glu Gln Val Phe Arg Gly Val Val Lys Leu Arg Arg Gly Leu Thr
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Ala Lys Val Ile Asp Arg Thr Lys Thr Met Ala Asp Val Tyr Gly Ala
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Phe Tyr Asp Phe Ser Cys Met Leu Lys Thr Lys Val Asp Lys Asn Asp
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IDF 190

Case 2148US

P143 1030

RTP 43362v2

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Gly Ser Met Gly Ser Leu Gly Thr Met Leu Arg Tyr Pro Asp Asp Ile

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Tyr Pro Leu Leu Lys Met Lys Arg Ala Ile Glu Lys Ala Glu Lys Gln

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